

WEST

## End of Result Set

  

L2: Entry 10 of 10

File: DWPI

May 16, 2000

DERWENT-ACC-NO: 1993-160811

DERWENT-WEEK: 200031

COPYRIGHT 2002 DERWENT INFORMATION LTD

**TITLE:** Forming microparticles of material, partic. protein - by contacting supercritical anti-solvent gas with soln. of the material

**Basic Abstract Text (1):**

Method comprises bring supercritical antisolvent gas into contact with soln. of the material in solvent at controlled rate operable to expand the soln. and ppte, the material. The material may be protein e.g. insulin, catalase, adrenocorticotrophin hormone or peroxidase. The solvent may be e.g. EtOH, DMSO, THF, acetic acid, formamide, DMF, ethylene glycol, liq. polyethylene glycol or dimethylaniline. The antisolvent gas may be e.g. CO<sub>2</sub>, ethane, ethylene, SF<sub>6</sub>, nitrous oxide, ClCF<sub>3</sub> or CFH<sub>3</sub>.

**Equivalent Abstract Text (1):**

Method comprises bring supercritical antisolvent gas into contact with soln. of the material in solvent at controlled rate operable to expand the soln. and ppte, the material. The material may be protein e.g. insulin, catalase, adrenocorticotrophin hormone or peroxidase. The solvent may be e.g. EtOH, DMSO, THF, acetic acid, formamide, DMF, ethylene glycol, liq. polyethylene glycol or dimethylaniline. The antisolvent gas may be e.g. CO<sub>2</sub>, ethane, ethylene, SF<sub>6</sub>, nitrous oxide, ClCF<sub>3</sub> or CFH<sub>3</sub>.

**Equivalent Abstract Text (3):**

Method comprises bring supercritical antisolvent gas into contact with soln. of the material in solvent at controlled rate operable to expand the soln. and ppte, the material. The material may be protein e.g. insulin, catalase, adrenocorticotrophin hormone or peroxidase. The solvent may be e.g. EtOH, DMSO, THF, acetic acid, formamide, DMF, ethylene glycol, liq. polyethylene glycol or dimethylaniline. The antisolvent gas may be e.g. CO<sub>2</sub>, ethane, ethylene, SF<sub>6</sub>, nitrous oxide, ClCF<sub>3</sub> or CFH<sub>3</sub>.

## WEST

[Generate Collection](#)[Print](#)

## Search Results - Record(s) 1 through 10 of 10 returned.

 1. Document ID: US 20020018815 A1

L2: Entry 1 of 10

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020018815  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020018815 A1

TITLE: Methods and apparatus for fine particle formation

PUBLICATION-DATE: February 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sievers, Robert E.	Boulder	CO	US	
Karst, Uwe	Muenster		DE	

US-CL-CURRENT: 424/489; 264/5

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMD](#) [Draw Desc](#) [Image](#)

 2. Document ID: US 20020000681 A1

L2: Entry 2 of 10

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020000681  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020000681 A1

TITLE: Method of forming nanoparticles and microparticles of controllable size using supercritical fluids and ultrasound

PUBLICATION-DATE: January 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gupta, Ram B.	Auburn	AL	US	
Chattopadhyay, Pratibhash	Auburn	AL	US	

US-CL-CURRENT: 264/9

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMD](#) [Draw Desc](#) [Image](#)

 3. Document ID: US 20010036480 A1

L2: Entry 3 of 10

File: PGPB

Nov 1, 2001

PGPUB-DOCUMENT-NUMBER: 20010036480

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010036480 A1

TITLE: Particulate drug-containing products and method of manufacture

PUBLICATION-DATE: November 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Etter, Jeffrey B.	Boulder	CO	US	

US-CL-CURRENT: 424/489; 264/12

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMD](#) | [Draw Desc](#) | [Image](#)

---

4. Document ID: US 6403672 B1

L2: Entry 4 of 10

File: USPT

Jun 11, 2002

US-PAT-NO: 6403672

DOCUMENT-IDENTIFIER: US 6403672 B1

TITLE: Preparation and use of photopolymerized microparticles

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Image](#)

---

5. Document ID: US 6214384 B1

L2: Entry 5 of 10

File: USPT

Apr 10, 2001

US-PAT-NO: 6214384

DOCUMENT-IDENTIFIER: US 6214384 B1

TITLE: Nanosheres comprising a biocompatible polysaccharide

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Image](#)

---

6. Document ID: US 6190699 B1

L2: Entry 6 of 10

File: USPT

Feb 20, 2001

US-PAT-NO: 6190699

DOCUMENT-IDENTIFIER: US 6190699 B1

TITLE: Method of incorporating proteins or peptides into a matrix and administration thereof through mucosa

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Image](#)

---

7. Document ID: US 6095134 A

L2: Entry 7 of 10

File: USPT

Aug 1, 2000

US-PAT-NO: 6095134

DOCUMENT-IDENTIFIER: US 6095134 A

TITLE: Methods and apparatus for fine particle formation

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 8. Document ID: US 6051694 A

L2: Entry 8 of 10

File: USPT

Apr 18, 2000

US-PAT-NO: 6051694

DOCUMENT-IDENTIFIER: US 6051694 A

TITLE: Method for size reduction of proteins

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 9. Document ID: US 5639441 A

L2: Entry 9 of 10

File: USPT

Jun 17, 1997

US-PAT-NO: 5639441

DOCUMENT-IDENTIFIER: US 5639441 A

TITLE: Methods for fine particle formation

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 10. Document ID: US 6063910 A EP 542314 A1 AU 9228310 A CA 2083027 A JP 05293361 A AU 668367 B EP 542314 B1 DE 69226064 E ES 2118778 T3

L2: Entry 10 of 10

File: DWPI

May 16, 2000

DERWENT-ACC-NO: 1993-160811

DERWENT-WEEK: 200031

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Forming microparticles of material, partic. protein - by contacting supercritical anti-solvent gas with soln. of the material

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)[Generate Collection](#)[Print](#)

Terms	Documents
supercritical same insulin same solvent	10

[Display Format:](#)

-

[Change Format](#)

## WEST Search History

DATE: Wednesday, October 09, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
result set			
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L2	supercritical same insulin same solvent	10	L2
L1	supercritical same insulin	18	L1

END OF SEARCH HISTORY